

**Work Order ID 86554****\*86554\***

Page 1

July-05-12 10:18:49 AM

Item ID: D350-578-031

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Wearplate

Start Date: 7/05/12 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 7/13/12 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

DSI9429

RevA

IIN D350-578

RevA

0.00

100

**\*100\***

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile and type labels per PPP D350-578-031 and DSI9429 001

0.00

CHG

S. 17/12/14

JB

MLJ 12/07/11

105

**\*105\***

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

1 12/07/11 JB

**Work Order ID 86554**

July-05-12 10:18:49 AM

**\*86554\***

Page 2

Item ID: D350-578-031

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Wearplate

Start Date: 7/05/12 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 7/13/12 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

110

QC4- 100% Inspect kits for completeness

0.00

**\*110\***

QC

Memo

0.00

Quality Control

120

Packaging

0.00

**\*120\***

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-578-031 and DSI9429

Location: \_\_\_\_\_

PPP Rev: A

130

QC21- Final Inspection - Work Order Release

0.00

**\*130\***

QC

Memo

0.00

Quality Control

# Picklist Print

July-05-12 10:18:48 AM

Page 1

Work Order ID: 86554

Parent Item: D350-578-031

Parent Item Name: Wearplate

Start Date: 7/05/12

Required Date: 7/13/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 09-02-03 new issue DD verified by:JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

|                 |  |           |    |  |  |     |      |          |    |    |  |  |  |
|-----------------|--|-----------|----|--|--|-----|------|----------|----|----|--|--|--|
| AN4-17A<br>Bolt |  | Purchased | No |  |  | 105 | Each | 522.0000 | 12 | 12 |  |  |  |
|-----------------|--|-----------|----|--|--|-----|------|----------|----|----|--|--|--|

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
|----------|---------|----------|

|        |     |  |
|--------|-----|--|
| ST358  | 300 |  |
| 116704 | 0   |  |
| 121541 | 300 |  |
| ST359  | 222 |  |
| 112314 | 0   |  |
| 121011 | 200 |  |
| 121068 | 22  |  |

|                        |  |              |    |  |  |     |      |        |   |   |  |  |  |
|------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|
| D3859-041<br>Wearplate |  | Manufactured | No |  |  | 105 | Each | 4.0000 | 2 | 2 |  |  |  |
|------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
|----------|---------|----------|

|       |   |  |
|-------|---|--|
| ST500 | 4 |  |
| 79687 | 4 |  |

|                  |  |           |    |  |  |     |      |            |    |    |  |  |  |
|------------------|--|-----------|----|--|--|-----|------|------------|----|----|--|--|--|
| MS21042L4<br>Nut |  | Purchased | No |  |  | 105 | Each | 1,705.0000 | 12 | 12 |  |  |  |
|------------------|--|-----------|----|--|--|-----|------|------------|----|----|--|--|--|

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
|----------|---------|----------|

|        |      |  |
|--------|------|--|
| ST300  | 1705 |  |
| 119075 | 116  |  |
| 121011 | 193  |  |
| 121444 | 1096 |  |
| 121652 | 300  |  |

# Picklist Print

July-05-12 10:18:49 AM

Page 2

Work Order ID: 86554  
Parent Item: D350-578-031  
Parent Item Name: Wearplate

Start Date: 7/05/12

Required Date: 7/13/12

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J  
Washer

Purchased No

105 Each 2,496.0000

12

12

JB 12/07/11

## Location

## Loc Qty

## Loc Code

ST298

89

104746

3

116805

0

119097

27

121255

48

121708

11

ST299

2404

121912

2404

ST351

3

107321

3

121912

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-578 REV. F OR EARLIER  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-578 REV. 1 OR EARLIER

REF. TCCA STC: SH93-4  
REF. FAA STC: SR00028NY  
REF. FAA STC: SR00029NY  
REF. EASA STC: EASA.IM.R.S.01389  
REF. ARGENTINA STC: CTS-0508.13(A)

The D350-578-031 Wearplate kit can be installed on D350-578-011/-021 Bearpaw installations. The D3859-041 Wearplates should be installed on the D2432F or D2672F Bearpaws as shown in Figure 1 on Sheet 2 of this Service Instruction. The Bearpaws should otherwise be installed on the skidtube per installation instructions D350-578 Rev F or earlier.

Customers with old style bearpaws will need to rework the counterbore on the bottom of the bearpaws per Figure 1 on Sheet 2 of this service instruction.

## WEIGHT AND BALANCE

| Installation                  | Weight             | Lateral         |                       | Longitudinal       |                          |
|-------------------------------|--------------------|-----------------|-----------------------|--------------------|--------------------------|
|                               |                    | Arm             | Moment                | Arm                | Moment                   |
| D350-578-031<br>Wearplate Kit | 3.00 lb<br>1.36 kg | 0.0 in<br>0.0 m | 0.0 in-lb<br>0.0 m-kg | 157.0 in<br>3.99 m | 471.0 in-lb<br>5.43 m-kg |

## PARTS LIST


| QTY.<br>-031 | PART NUMBER   | DESCRIPTION        |
|--------------|---------------|--------------------|
| X            | D350-578-031  | Wearplate Kit      |
| 2            | D3859-041     | Wearplate          |
| 12           | AN4-17A       | Bolt               |
| 12           | NAS1149D0463J | Washer             |
| 12           | MS21042L4     | Nut or (MS21042-4) |

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 09.01.15  
CERT. NO.: SH93-4  
ISSUE NO.: 7

|            |   |  |              |
|------------|---|--|--------------|
| A          | NEW ISSUE   | BY:   | 09.01.15     |
| REV.       | DESCRIPTION   |  | DATE         |
| DESIGN     |  | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      |  |  |              |
| CHECKED    |  | DRAWING NO.  | REV. A       |
| MFG. APPR. | N/A   | DSI 9429   | SHEET 1 OF 2 |
| APPROVED   |  | TITLE  | SCALE        |
| DE APPR.   |  | WEARPLATE KIT  | NTS          |
| DATE       | 09.01.15  | <small>COPYRIGHT © 2009 BY DART AEROSPACE LTD<br/>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> |              |